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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re U.S. Patent Application of**

**TAKAURA et al.**

**Application Number: 10/693,987**

**Filed: October 28, 2003**

**For: A SEMICONDUCTOR MEMORY DEVICE USING  
VERTICAL-CHANNEL TRANSISTORS**

**Attorney Docket No.: HITA. 0451**

**Unit 2815**

**Examiner  
Wojciechowicz,  
Edward Joseph**

**Honorable Assistant Commissioner for Patents  
Washington, D.C. 20231**

**COVER LETTER**

Sir:

[ x ] The fee for submission of claims is calculated as shown below:

FOR	TOTAL WITH NEW CLAIMS ADDED	TOTAL CURRENTLY ON FILE	CLAIMS PAID	RATE	CALCULATION
Total Claims	18	18	(Over 20)	x \$50	0
Independent Claims	2	2	<sup>5</sup> (Over 3)	x \$200	0
MULTIPLE DEPENDENT CLAIM(S)				+ \$360	0
REDUCTION FOR FILING BY SMALL ENTITY (note 37 C.F.R. §§ 1.9, 1.27, 1.28). IF APPLICABLE, VERIFIED STATEMENT MUST BE ATTACHED					
TOTAL					0

In addition, the below-identified communications are submitted in the above-captioned application or proceeding:

[ x ] Response to Office Action  
(no claim amendment)

[ ] Substitute Abstract

[ ] Preliminary Amendment

[ ] Other \_\_\_\_\_

[ ] Petition for \_\_-month Extension-of-Time

[ x ] Terminal Disclaimer

[ ] Letter to Draftsman w/ sheets of drawings

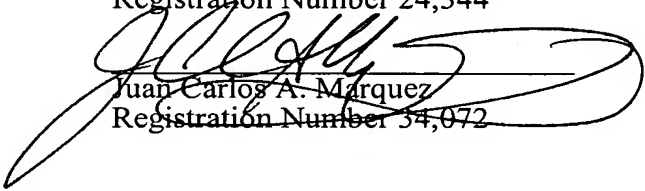
[ ] Sequence Listing

[ ] Sequence Listing Diskette \_\_\_\_\_

- [ ] Please charge my **Deposit Account Number** \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the fees for \_\_\_\_\_. A duplicate copy of this paper is enclosed.
- [ x ] A check in the amount of **\$130.00** to cover the fee is enclosed.
- [ x ] The Commissioner is hereby authorized to charge any additional fees associated with this communication, or credit any overpayment to **Deposit Account Number 08-1480**.

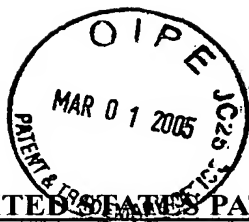
Respectfully submitted,

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**March 1, 2005**



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**RESPONSE AND AMENDMENT UNDER 37 C.F.R. §1.111**

Sir:

This is in response to the office action dated December 16, 2004, in the above identified application, to which the period for response will expire on March 16, 2005.